

## FACT SHEET

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## Groundwater Chemistry Study

Steel Container Corp.

Hammond, Indiana

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On February 5, 1980, the Illinois Attorney General's Office authorized Soil Testing Services to proceed with the first phase of the groundwater chemistry study which consists of drilling and installing 11 monitoring wells. On March 20, 1980, U.S. EPA authorized Soil Testing Services to proceed with the second phase of this study which consists of sampling the monitoring wells, analyzing the solid borings, and preparing the technical report. All chemical analyses will be performed by the Illinois EPA laboratory.

The timetable for the study is as follows:

- |           |  |
|-----------|--|
| 2 Weeks   | Drilling and initial sampling completed<br>Water analysis, permeability determinations |
| 3 Weeks   | Final water sampling completed   |
| 5-7 Weeks | Water analysis completed   |
| 7-9 Weeks | Report completed   |

The study was originally scheduled to begin on March 24, 1980. Recently a new Judge was assigned to this case. The Judge has set a pretrial conference for May 12, 1980, and has told the Attorney General's Office to delay the study until the pretrial conference is held. Thus, the start date of the study remains uncertain at this time.

The contractor will perform the following tasks:

1. Drill and install 11 monitoring wells.
2. Collect, analyze, and test the soil borings from the 11 monitoring wells.
3. Obtain water table elevations and collect ground water samples for each of the 11 monitoring wells.
4. Analyze all data and prepare a technical report.

The technical report will:

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1. Establish the hydraulic gradient to define the pattern of ground water movement.
2. Establish the depth from the surface to the water table.
3. Determine the chemical characteristics of the ground water on and adjacent to the site.
4. Define, if possible, the ground water pollution plume.
5. Delineate the potential for pollution of Powder Horn Lake and Wolf Lake.
6. Determine the depth of subsurface soil contamination.

Prepared March 1980



FEDERAL HAZARDOUS WASTE SITE  
TENTATIVE DISPOSITION

REGION 3 000036

File this form in the regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency, Site Tracking System, Hazardous Waste Enforcement Task Force (EN-335), 401 M St., SW, Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME <i>Columet Container Corp.</i>	B. STREET <i>3331 State Line Road</i>	
C. CITY <i>Hammond</i>	D. STATE <i>IN</i>	E. ZIP CODE <i>46327</i>

II. TENTATIVE DISPOSITION

Indicate the recommended action(s) and agency(ies) that should be involved by marking 'X' in the appropriate boxes.

RECOMMENDATION	MARK 'X'	ACTION AGENCY			
		EPA	STATE	LOCAL	PRIVATE
A. NO ACTION NEEDED -- NO HAZARD					
B. INVESTIGATIVE ACTION(S) NEEDED (If yes, complete Section III.)	X	X	X		
C. REMEDIAL ACTION NEEDED (If yes, complete Section IV.)					
D. ENFORCEMENT ACTION NEEDED (If yes, specify in Part E whether the case will be primarily managed by the EPA or the State and what type of enforcement action is anticipated.)					

E. RATIONALE FOR DISPOSITION

There is no hard data to prove that pollution from this site is migrating west into Illinois and polluting Wolf Lake. A groundwater study is necessary to obtain the necessary data.

F. INDICATE THE ESTIMATED DATE OF FINAL DISPOSITION (mo., day, & yr.)

*8-1-80*

G. IF A CASE DEVELOPMENT PLAN IS NECESSARY, INDICATE THE ESTIMATED DATE ON WHICH THE PLAN WILL BE DEVELOPED (mo., day, & yr.)

*N/A*

H. PREPARER INFORMATION

1. NAME <i>W. E. Muno, U.S. EPA</i>	2. TELEPHONE NUMBER <i>(312) 353-2110</i>	3. DATE (mo., day, & yr.) <i>3-7-80</i>
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III. INVESTIGATIVE ACTIVITY NEEDED

A. IDENTIFY ADDITIONAL INFORMATION NEEDED TO ACHIEVE A FINAL DISPOSITION.

U.S. EPA and the Illinois AG's Office have contracted for a \$15,000 groundwater study to support an Illinois civil action and allow U.S. EPA to make a final disposition

B. PROPOSED INVESTIGATIVE ACTIVITY (Detailed Information)

1. METHOD FOR OBTAINING NEEDED ADDITIONAL INFO.	2. SCHEDULED DATE OF ACTION (mo., day, & yr.)	3. TO BE PERFORMED BY (EPA, Contractor, State, etc.)	4. ESTIMATED MANHOURS	5. REMARKS
a. TYPE OF SITE INSPECTION				
(1)				
(2)				
(3)				
b. TYPE OF MONITORING				
(1) <i>Monitoring Wells</i>	<i>4-1-80</i>	<i>Contractor</i>	<i>150</i>	<i>11 wells will be installed</i>
(2)				
c. TYPE OF SAMPLING				
(1) <i>Groundwater</i>	<i>4-22-80</i>	<i>Contractor</i>	<i>Included in above</i>	
(2)				

III. INVESTIGATIVE ACTIVITIES				NEEDED and PART B - PROPOSED INVESTIGATIVE ACTIVITY (Continued)	
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d. TYPE OF LABORATORY ANALYSIS					
(1) <i>Lead &amp; Cadmium</i>	<i>S-S-R</i>	<i>Unmet</i>	<i>45</i>		
(2) <i>As &amp; P</i>	<i>S-S-R</i>	<i>Met</i>			
e. OTHER (specify)					
(1)					
(2)					
C. ELABORATE ON ANY OF THE INFORMATION PROVIDED IN PART B (on front & above) AS NEEDED TO IDENTIFY ADDITIONAL INVESTIGATIVE WORK. <i>Contractor's report should be available by 6-15-80.</i>					
D. ESTIMATED MANHOURS BY ACTION AGENCY					
1. ACTION AGENCY		2. TOTAL ESTIMATED MANHOURS FOR INVESTIGATIVE ACTIVITIES		2. TOTAL ESTIMATED MANHOURS FOR INVESTIGATIVE ACTIVITIES	
a. EPA				b. STATE - <i>IL EPA</i>	
				<i>45</i>	
c. EPA CONTRACTOR		<i>75</i>		d. OTHER (specify)	
				<i>IL SA Contractor</i>	
				<i>75</i>	
IV. REMEDIAL ACTIONS					
A. SHORT TERM/EMERGENCY STRATEGY (On Site & Off-Site): List all emergency actions needed to bring site under immediate control, e.g., restrict access, provide alternate water supply, etc. See instructions for a list of Key Words for each of the actions to be used in the space below.					
1. ACTION	2. EST. START DATE (mo, day, & yr)	3. EST. END DATE (mo, day, & yr)	4. ACTION AGENCY (EPA, State, Private Party)	5. ESTIMATED COST	6. SPECIFY 311 OR OTHER ACTION. INDICATE THE MAGNITUDE OF THE WORK REQUIRED
				\$	
				\$	
				\$	
				\$	
				\$	
				\$	
				\$	
				\$	
B. LONG TERM STRATEGY (On Site & Off-Site): List all long term solutions, e.g., excavation, removal, ground water monitoring wells, etc. See instructions for a list of Key Words for each of the actions to be used in the spaces below.					
1. ACTION	2. EST. START DATE (mo, day, & yr)	3. EST. END DATE (mo, day, & yr)	4. ACTION AGENCY (EPA, State, Private Party)	5. ESTIMATED COST	6. SPECIFY 311 OR OTHER ACTION. INDICATE THE MAGNITUDE OF THE WORK REQUIRED
				\$	
				\$	
				\$	
				\$	
				\$	
				\$	
				\$	
C. ESTIMATED MANHOURS AND COST BY ACTION AGENCY					
1. ACTION AGENCY	2. TOTAL EST. MANHOURS FOR REMEDIAL ACTIVITIES	3. TOTAL EST. COST FOR REMEDIAL ACTIVITIES	1. ACTION AGENCY	2. TOTAL EST. MANHOURS FOR REMEDIAL ACTIVITIES	3. TOTAL EST. COST FOR REMEDIAL ACTIVITIES
a. EPA			b. STATE		
c. PRIVATE PARTIES			d. OTHER (specify)		